

March 23, 1967

Attention: Bill K
Subject: [REDACTED]
Widespan Rhomboid
Reference: Meeting March 7, 1967

Gentlemen:

The preproduction widespan rhomboid has been delivered to and evaluated by your technical representatives. It is our understanding that, with the exception of image runout, the instrument is acceptable.

During the referenced meeting it was determined that clarification of the statement concerning image runout was in order. [REDACTED] agreed to submit data regarding this indicating performance which can be achieved in the production lot.

It is suggested that the portion of the contract relating to image runout be revised as follows:

"When the rhomboid assembly is installed and properly adjusted to the Zoom 70 Power Pod with which it will be used, the image of a point located in the center of the eyepiece field of view will not move more than 1.0mm (as measured in the eyepiece focal plane) away from the center of the eyepiece field of view when the image rotation prism is rotated through 360° of prism rotation. Measurements will be taken with the zoom element set at 3.00."

For purposes of determining compliance to this requirement, the combination of power pod and rhomboid is considered properly aligned when the image of a point located on the axis of prism rotation describes a single circle for each 360° of prism rotation and the center of this circle is within 0.5mm of the center of the eyepiece field of view as measured in the eyepiece focal plane.

I am sure you appreciate the importance of proper mating and alignment of the rhomboid to the power pod and we intend to assist you in accomplishing this.

Declass Review by NGA.

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STAT A list of recommended tools and fixtures for your use in installing and aligning the rhomboids to their power pods is now being prepared and will be forwarded to you within the next two weeks. A program of training your personnel in the alignment procedure is also being prepared and will be discussed with you shortly. In addition, effective April 1, 1967, [] will have a service representative in Washington full time who is qualified to assist you if any problems arise during the alignment phase.

If you are in agreement with the clarification of the runout specification it is requested that you:

- STAT
1. Incorporate the specification in the contract.
 2. Approve the preproduction unit which meets this specification.
 3. Authorize [] to proceed with production.

Very truly yours,

STAT
[]
Head, Photogrammetric
Contracts Section

STAT
[]
cc: John T.